

# PATENT ABSTRACTS OF JAPAN

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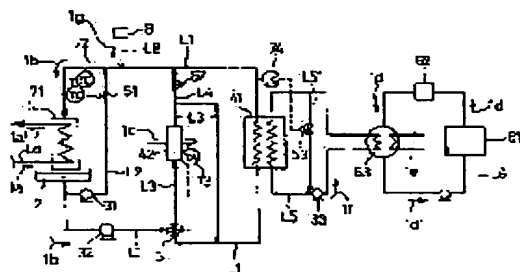
SHINKAI KOICHI

## (54) METHOD AND DEVICE FOR GASIFYING AND FEEDING LIQUEFIED NATURAL GAS

(57)Abstract:

PURPOSE: To prevent discharge of cooling discharge water to sea, to prevent the occurrence of closure of a piping owing to adhesion and growth of organisms on a pipe wall, further to suppress corrosion of a heat transfer pipe, and additionally to prevent lowering of a combustion gas turbine output owing to the increase of an atmospheric temperature during a summer season.

CONSTITUTION: A steam turbine 62 mechanism is provided with a condenser 63 mechanism to restore steam after use to water. A carburetor 1 is provided to heat-exchange Liquefied natural gas 1a fed from the outside of a system with a first heating medium 1b circulating a first circulation route L1 formed in



the system to gasify the liquefied natural gas 1a into natural gas 1a' for fuel. A first heat-exchanger 41 is located in a first circulation route L1. A second circulation route L5 through which a second heating medium 1f is circulated is formed between the first heat-exchanger 41 and the condenser 63 and heat-exchange of steam 1d fed to the condenser 63 through the second heating medium 1f with the first heating medium 1b fed to the second heat-exchanger 41 is practicable.